

### Personal Information

**Name:** Shayesteh  
**Surname:** Ghaffari  
**Birth Date:** 11 August 1980  
**Nationality:** Iranian  
**E-mail:** Sh.ghaffari@riaam.ac.ir; ghaffarishayesteh@gmail.com

### Current Academic Job Title:

Assistant Professor,  
 Research Institute for Astronomy and Astrophysics of Maragha (RIAAM), Iran

### Education:

**2011-2015:** Ph.D. in Cosmology and Gravity, Shiraz University, Shiraz, Iran.

**Ph.D. Thesis:** Holographic Dark Energy Model as a Candidate for the Accelerated Expansion of the Universe.

**Supervisor:** Prof. M. H. Dehghani and Prof. A. Sheykhi

GPA: 18.45/ 20

**2007-2010:** M.Sc. in Astrophysics and Cosmology, Kurdistan University, Kurdistan, Iran.

**M. Sc. Thesis:** Study of Chaplygin gas dark energy model of accelerating universe.

**Supervisor:** Prof. K. Karami

GPA: 17.67/ 20

**2002-2007:** B.S. in physics, Kurdistan University, Kurdistan, Iran.

GPA: 14.79/ 20

### Publications:

- 
- [1] A. Sheykhi, S. Ghaffari, H. Moradpour, *Ghost Dark Energy in the Deformed Horava-Lifshitz Cosmology*, International Journal of Modern Physics D (IJMPD), **28**, 1950080 (2019).
  - [2] S. Ghaffari, H. Moradpour, Valdir B. Bezerra, J.P. Morais Graça, I.P. Lobo, "Tsallis holographic dark energy in the brane cosmology" Physics of the Dark Universe, **23**, 100246 (2019).
  - [3] S. Ghaffari H. Moradpour, I. P. Lobo, J. P. Morais Graca, Valdir B. Bezerra, "Tsallis Holographic Dark Energy in the Brans-Dicke Cosmology", Eur. Phys. J. C, **78**, 206 (2018).
  - [4] S.Ghaffari, "Holographic dark energy model in the DGP braneworld with time varying holographic parameter", New Astronomy, **67**, 76 (2018).
  - [5] H. Moradpour, N. Sadeghnezhad, S. Ghaffari, A. Jahan, "Thermodynamic analysis of gravitational field equations in Lyra manifold", Advances in High Energy Physics (AHEP), 9687976 (2017).
  - [6] A. Sheykhi, S. Ghaffari, N. Roshanshah, "A note on holographic dark energy with varying  $c_2$  Parameter", International Journal of Theoretical Physics (IJTP), **56**, 1845 (2017).
  - [7] A. Sheykhi, M. H. Dehghani, S. Ghaffari, "New holographic dark energy model inspired by the DGP braneworld" International Journal of Modern Physics D (IJMPD), **25**, 1650018 (2015).
  - [8] S. Ghaffari, M.H. Dehghani, A. Sheykhi, "Statefinder diagnosis for holographic dark energy in the DGP braneworld", Physical Review D (PRD), **91**, 023007 (2015).
  - [9] S. Ghaffari, M. H. Dehghani, A. Sheykhi, "Holographic dark energy in DGP braneworld with  $GO$  cut-off", Physical Review D (PRD), **89**, 123009 (2014).

- [10] K. Karami, J. Mubasher, S. Ghaffari, K. Fahimi, "Holographic, new agegraphic and ghost dark energy models in fractal cosmology", Canadian Journal of Physics (CJP), **91**, 1, 2013 [arXiv: 1201.6233].
- [11] K. Karami, A. Sheykhi, J. Mubasher, R. Myrzakulov, S. Ghaffari, and A. Abdolmaleki, "Power-law entropy-corrected new agegraphic dark energy in Hořava–Lifshitz cosmology", Canadian Journal of Physics, (CAJPH) **90**, 473-479, (2012).
- [12] K. Karami, S. Ghaffari, M. M. Soltanzadeh, "The generalized second law for the interacting generalized Chaplygin gas model in non-flat universe enclosed by the apparent horizon", Astrophysics and Space Science, (AP&SS), **331**, 309 (2011) [arXiv: 1103.4842].
- [13] K. Karami, A. Abdolmaleki, N. Sahraei, S. Ghaffari, "Thermodynamics of apparent horizon in modified FRW universe with power-law corrected entropy", Journal of High Energy Physics, (JHEP), **08**, 150, (2011), [Arxiv: 1009.3833].
- [14] K. Karami, S. Ghaffari, M. M. Soltanzadeh, "The generalized second law of gravitational thermodynamics on the apparent and event horizons in FRW cosmology", Classical and Quantum Gravity (Class. Quantum Grav.), **27**, 205021, (2010), [arXiv: 1101.3240].
- [15] K. Karami, J. Mubasher, M. Roos, S. Ghaffari, A. Abdolmaleki, "Entropy-corrected new agegraphic dark energy in Hořava-Lifshitz cosmology", Astrophysics and Space Science, **340**, 175–184, (2012).
- [16] K. Karami, A. Sheykhi, N. Sahraei, S. Ghaffari, "The generalized second law of thermodynamics in modified FRW cosmology with corrected entropy-area relation", Europhysics Letters (EPL), **93**, 29002, (2011) [arXiv: 1009.3093].
- [17] . K. Karami, S. Ghaffari, "The generalized second law of thermodynamics for the interacting Polytropic dark energy non-flat FRW universe enclosed by the apparent horizon", Physics Letters B (Phys. Lett. B), **688**, 125 (2010).
- [18] K. Karami, S. Ghaffari, "The generalized second law in irreversible thermodynamics for interacting dark energy in non-flat FRW universe enclosed by the apparent horizon", Physics Letters B (Phys. Lett. B), **685**, 115 (2010) [arXiv: 0912.0363].
- [19] K. Karami, S. Ghaffari, F. Fehri, "Interacting Polytropic gas model of phantom dark energy in non-flat universe", European Physical Journal C (EPJC), **64**, 85 (2009) [arXiv: 0911.4915].

#### Conference Presentations:

- The national conference on gravitation and cosmology, Sharif University of Technology, Tehran, Iran. February 2015.
- The national conference on gravitation and cosmology, Sharif University of Technology, Tehran, Iran. January 2011.